

Remarks

The present response is to the Office Action mailed the above-referenced case on May 17, 2007, made final. Claims 1-11, 13-25, 27 and 28 are standing for examination. Claims 1, 2, 15 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Atsmon et al. (U.S. 6,607,136), hereinafter Atsmon in view of Leydier et al. (PG Pub #US 2003/0046554 A1) hereinafter Leydier. Claims 3-11, 13, 14, 17-25, 27 and 28 are rejected under 35 U.S.C. 103(a) and being unpatentable over Atsmon and Leydier, further in view of Saitoh (U.S. 5,929,414), hereinafter Saitoh.

Applicant has carefully studied the prior art references provided by the Examiner, and the Examiner's objections, rejections and reasoning in the instant Office Action. Applicant herein amends the independent claims to more clearly define the I/O terminal. Applicant also provides arguments clearly showing that the art presented by the Examiner fails to support the 103 rejection asserted.

Applicant herein amends the independent claims to define the I/O terminal as a single connection port for both communication interfaces, providing a single connection port on the secure memory device for both of the communication interfaces.

The Examiner relies upon the art of Leydier to teach applicant's I/O terminal. Leydier's Interface 190 comprises three communication ports for connecting devices having different protocol. Specifically, Leydier teaches; " In the depicted embodiment, communication interface 190 includes an ISO port 195 including RST, CLK, and I/O pins for an ISO7816 communication link, a USB port 197 including D+ and D- pins for a USB communication link, and a wireless port 199 for use in a contactless application in conjunction with an antenna 193.

Applicant's Figure 1 and the accompanying text in applicant's specification clearly show a single I/O terminal. Therefore, applicant's independent claims, as amended, are clearly patentable over the combination of Atsmon and Leydier.

The Examiner states; "Atsmon also teaches that the card can include two-way (receive and transmit) communication (for example, figure 3). Therefore the ISO 7816 interface is bidirectional. Likewise, the transducer is also shown to have both reception and transmission capabilities (figure 3)."

Applicant points out that the independent claims 1 and 15 clearly recite; " an ISO 7816 interface; a one-wire modem interface; characterized in that both communication interfaces are bidirectional"

The Examiner is making an assumption when stating that the ISO 7816 of Atsmon is bidirectional, as claimed. Atsmon also fails to teach a one-wire modem interface having bi-directional capability. Atsmon teaches ISO compatibility and applicant does not believe the transmission and receiving transducers as taught in Atsmon read on the one-wire modem, as claimed. Atsmon does not specifically teach said components, as claimed. Modems, as known in the art, are capable of modulations required between communicating devices. Atsmon teaches transducers for producing a required intensity at an ultrasonic frequency (col. 12, lines 52-53).

Independent claims 1 and 15, as amended, are clearly patentable over the combined art of Atsmon and Leydier as argued above. Dependent claims 2-11, 13-14, 16-25, and 27-28 are patentable on their own merits, or at least as dependent upon a patentable base claim.

As all of the claims standing for examination have been shown to be patentable over the art of record, applicant respectfully requests reconsideration, and that the present

case be passed quickly to issue. If there are any time extensions needed beyond any extension specifically requested with this response, such extension of time is hereby requested. If there are any fees due beyond any fees paid with this amendment, authorization is given to deduct such fees from deposit account 50-0534.

Respectfully Submitted,
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Application of: Vincent Cedric Colnot

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Title of Case: Secure Memory Device for Smart Cards with a Modem Interface

I hereby certify that the attached papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and addressed to the Commissioner for Patents, Alexandria, VA 22313-1450.

1. Response G.
2. RCE Transmittal.
3. Duplicate RCE Transmittal.
4. Check for fees in the amount of \$395.00.
5. Certificate of express mailing.
6. Postcard listing contents.

Sheri Beasley

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